

**Rec'd PCT/PTO****13 JUL 2004****(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)****(19) World Intellectual Property Organization  
International Bureau****(43) International Publication Date  
24 July 2003 (24.07.2003)****PCT****(10) International Publication Number  
WO 03/059364 A1****(51) International Patent Classification<sup>7</sup>:** A61K 35/16.  
35/20CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,  
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,  
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,  
MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE,  
SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ,  
VC, VN, YU, ZA, ZM, ZW.**(21) International Application Number:** PCT/HU03/00004**(22) International Filing Date:** 15 January 2003 (15.01.2003)**(25) Filing Language:** English**(84) Designated States (regional):** ARIPO patent (GH, GM,  
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),  
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),  
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,  
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI,  
SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN,  
GQ, GW, ML, MR, NE, SN, TD, TG).**(26) Publication Language:** English**(30) Priority Data:**  
P0200172 15 January 2002 (15.01.2002) HU**Published:**

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

**(71) Applicant and****(72) Inventor:** BERTHA, András [HU/HU]; Mária tér 4/2,  
H-1011 Budapest (HU).**(74) Agent:** DANUBIA PATENT & TRADEMARK ATTORNEYS; 1368 Budapest, P.O. Box 198, Bajcsy-Zsilinszky út 16., H-1051 Budapest (HU).**(81) Designated States (national):** AE, AG, AL, AM, AT, AU,  
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

**WO 03/059364 A1****(54) Title:** METHOD FOR OBTAINING AN ANTI-TUMOR SUBSTANCE FROM EVEN-TOE HOOVED MAMMALS**(57) Abstract:** Method for obtaining an anti-tumor substance from even-toe hooved mammals (artio-dactylous animals) having leucosis, and according to a first alternative, the substance is obtained from the lipid-free blood plasma fraction of the animal, and the blood is taken from a pregnant female donor animal being in the 2nd or 3rd period of pregnancy up to at most the beginning of the first week preceding delivery. According to a second alternative the substance is obtained from the colostrum of the female donor animal, being preferably cow or sheep.

## INTERNATIONAL SEARCH REPORT

Inter	Application No
PCT/HU 03/00004	

A. CLASSIFICATION OF SUBJECT MATTER
-------------------------------------

IPC 7 A61K35/16 A61K35/20

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED
--------------------

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, MEDLINE, BIOSIS, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT
--

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>WO 00 40256 A (BERTHA ANDRAS ;MARTYN ROBERT NEE HF (HUN)) 13 July 2000 (2000-07-13) cited in the application page 2, line 23 -page 4, line 6; claims 1,3-5 page 45, line 22 -page 47, line 4</p> <p style="text-align: center;">-/-</p>	1

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

\* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority, claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the International filing date but later than the priority date claimed

- \*T\* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art,
- \*Z\* document member of the same patent family

Date of the actual completion of the International search

27 June 2003

Date of mailing of the International search report

09/07/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Charles, D

## INTERNATIONAL SEARCH REPORT

Inter	Application No
PCT/RU 03/00004	

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	MARTYN R: "ZUSAETZLICHE BEHANDLUNG DES KOLLUMKARZINOM IM III. STADIUM MIT INKUBIERTEN LEUKAEMIEBLUT NACH STRAHLENTHERAPIE" ZENTRALBLATT FUER GYNAEKLOGIE, JOHANN AMBROSIUS BARTH, LEIPZIG, DE, vol. 93, no. 19, 1971, pages 634-639, XP002067385 ISSN: 0044-4197 page 634, paragraph 1 - paragraph 2 page 634, paragraph 6 -----	1

## INTERNATIONAL SEARCH REPORT

Intern:	Application No
PCT/HU 03/00004	

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
WO 0040256	A 13-07-2000	HU	9900045 A2	28-12-2000
		AU	2122500 A	24-07-2000
		WO	0040256 A1	13-07-2000